

FIG. 2

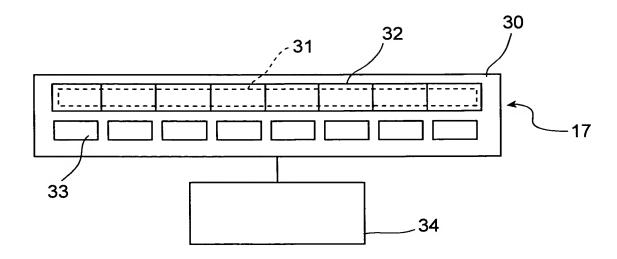


FIG. 3

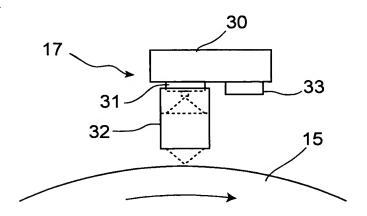


FIG. 4



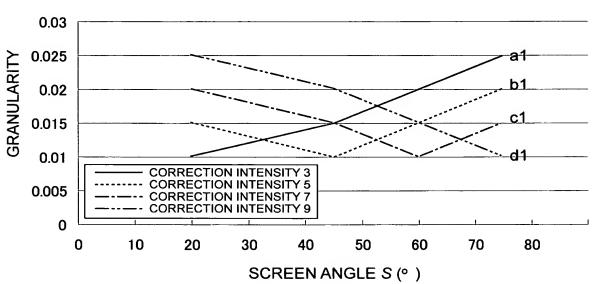


FIG. 5

# RELATIONSHIP BETWEEN SENSITIVITY OF PHOTOCONDUCTOR AND GRANULARITY IN DIFFERENT CORRECTION INTENSITIES

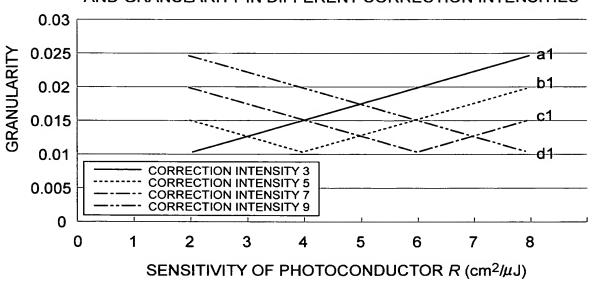


FIG. 6

# RELATIONSHIP BETWEEN SURFACE TEMPERATURE OF PHOTOCONDUCTOR AND GRANULARITY IN DIFFERENT CORRECTION INTENSITIES

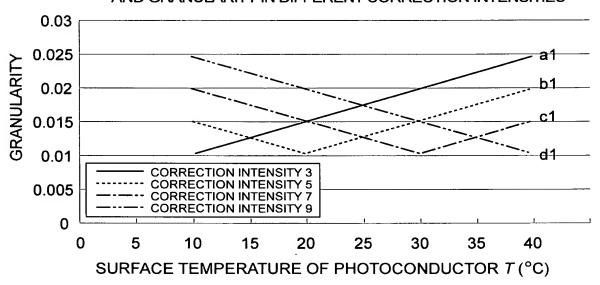


FIG. 7

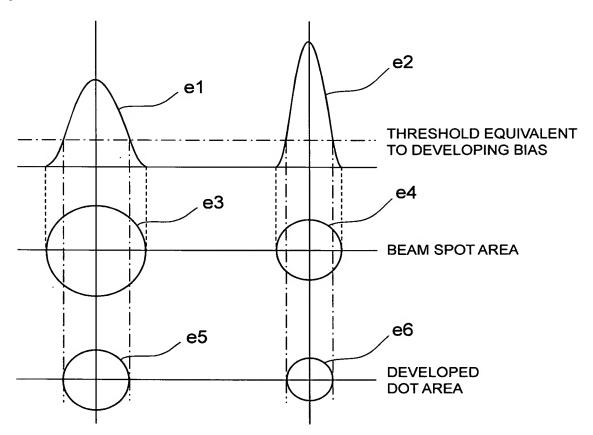
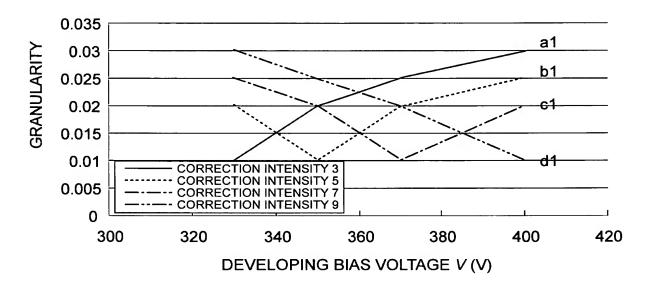
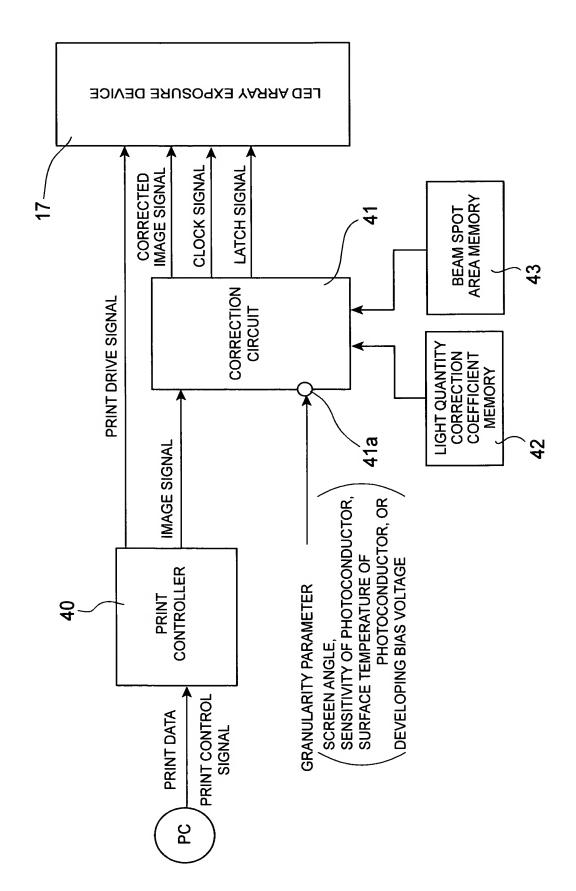


FIG. 8

### RELATIONSHIP BETWEEN DEVELOPING BIAS VOLTAGE AND GRANULARITY IN DIFFERENT CORRECTION INTENSITIES





S	PIXEL	<b>C</b>	_	2	8	4	5
	GRANULARITY PARAMETER						
_	-SCREEN ANGLE	လ			°06		
S2	-SENSITIVITY OF PHOTOCONDUCTOR	~			4 cm <sup>2</sup> /µJ		
	-SURFACE TEMPERATURE	⊢	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		30°C		
	-DEVELOPING BIAS VOLTAGE	>			320V	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
SS	LIGHT QUANTITY CORRECTION COEFFICIENT		1.1	0.8	1.5	0.0	1
S4	BEAM SPOT AREA	A	10	8	15	5	12
<b>S</b> 5	AVERAGE OF BEAM SPOT AREAS	M			10		
98	DIFFERENCE (M-A)	D	0	2	-5	5	-2
25	RATIO(D/M)	Ь	0	0.2	-0.5	0.5	-0.2
88	BEAM SPOT AREA CORRECTION COEFFICIENT	В	ASSIGNING V	ASSIGNING WEIGHT TO RATIO (P) FOR EACH PIXE	rio (P) FOR EA	CH PIXEL	
SS	CORRECTION COEFFICIENT	ပ	BEAM SPOT /	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) FOR EACH PIXEL	TION COEFFIC ANGLE (S) FOI	IENT (B) X COF R EACH PIXEL	RECTION
S10	DRIVING CURRENT FOR LIGHT-EMITTING ELEMENT	Ι	STANDARD D COEFFICIENT	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (C) FOR EACH PIXEI	ENT X LIGHT QU TION COEFFIC	JANTITY CORF !IENT (C) FOR I	RECTION EACH PIXEL

S21	PIXEL	c	-	2	က	4	2	9	7	8	6	<b>Z</b>
	GRANULARITY PARAMETER											
	-SCREEN ANGLE	ဟ					。 06					
822	-SENSITIVITY OF PHOTOCONDUCTOR	~					4 cm²/µJ	ſπ/;				
	-SURFACE TEMPERATURE	<b>-</b>					30°C	ပ				
	-EVELOPING BIAS VOLTAGE	/					320V	>		: :		
823	LIGHT QUANTITY CORRECTION COEFFICIENT	1	1.1	0.8	1.5	0.9	1	0.5	1.2	1.3	0.5	:
S24	BEAM SPOT AREA	A	10	8	15	5	12	14	9	6	10	:
S25-1	MOVING AVERAGE OF BEAM SPOT AREAS	M1			10							
S25-2		M2				10.8						
S25-3		M3					10.4					
S25-4		M4						9.2				
S25-5		M5							10.2			
S26	DIFFERENCE (M-A)	٥	0	2.8	4.6	4.2	-1.8	i				
S27	RATIO(D/M)	۵	0	0.26	-0.44	0.46	-0.18	:				
828	BEAM SPOT AREA CORRECTION COEFFICIENT	В	ASSIG	NING W	EIGHT 1	TO RATI	O (P) FO	ASSIGNING WEIGHT TO RATIO (P) FOR EACH PIXEL	PIXEL			
S29	CORRECTION COEFFICIENT	ပ	BEAM	SPOT A	REA CC FOR SC	RRECT	ION COE	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) FOR EACH PIXEL	T (B) X ACH PI.	CORRE( XEL	CTION	
830	DRIVING CURRENT FOR LIGHT-EMITTING ELEMENT	I	STANE	JARD DI	(L) X CC	CURREI	NT X LIG	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (C) FOR EACH PIXEL	NTITY C NT (C) F	ORREC	FION H PIXEL	

FIG. 12A PRIOR ART

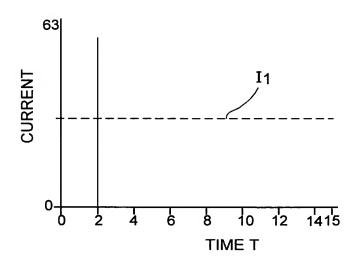
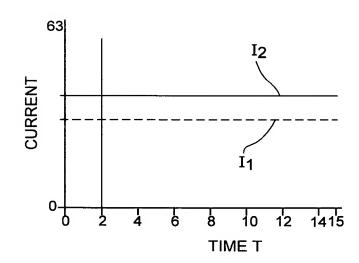


FIG. 12B PRIOR ART



TIME T

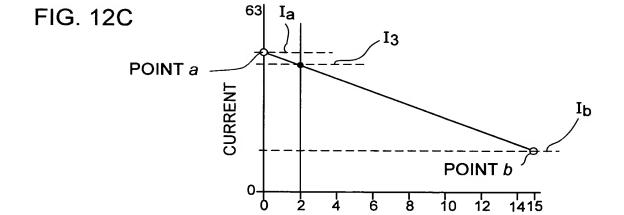


FIG. 13A



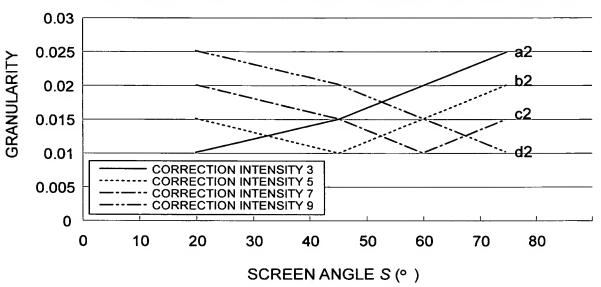
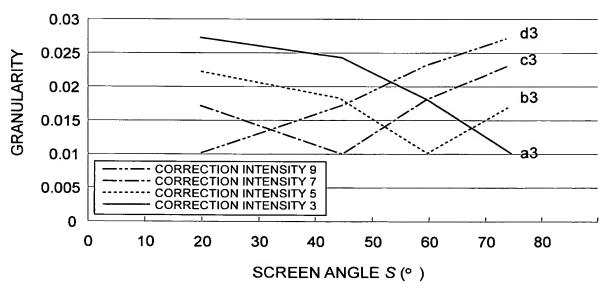


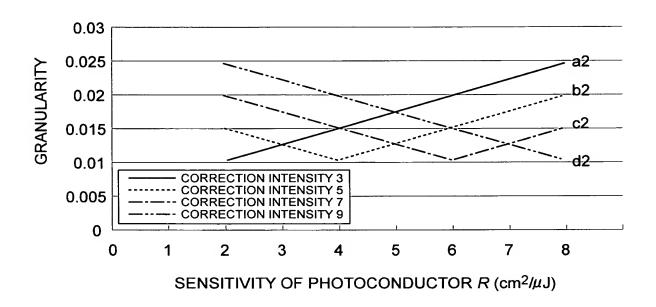
FIG. 13B

# RELATIONSHIP BETWEEN SCREEN ANGLE AND GRANULARITY IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES



**FIG. 14A** 

### RELATIONSHIP BETWEEN SENSITIVITY OF PHOTOCONDUCTOR AND GRANULARITY IN HIGH GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES



**FIG. 14B** 

### RELATIONSHIP BETWEEN SENSITIVITY OF PHOTOCONDUCTOR AND GRANULARITY IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

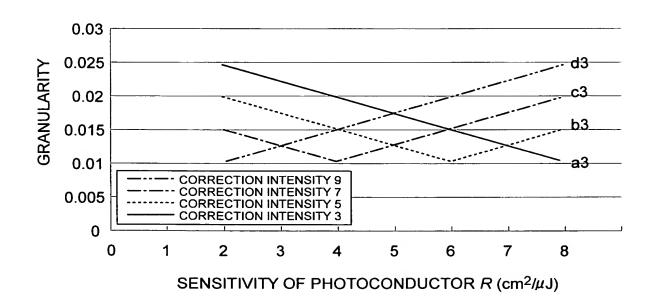


FIG. 15A

RELATIONSHIP BETWEEN SURFACE TEMPERATURE OF PHOTOCONDUCTOR AND GRANULARITY IN HIGH GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

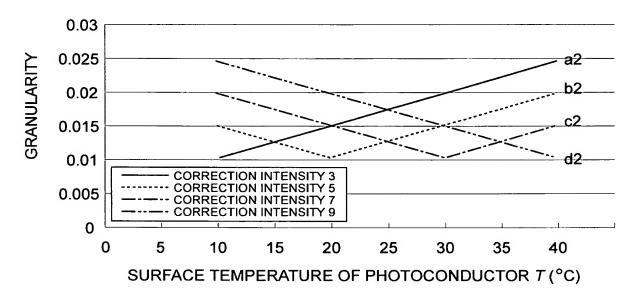


FIG. 15B

RELATIONSHIP BETWEEN SURFACE TEMPERATURE OF PHOTOCONDUCTOR AND GRANULARITY IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

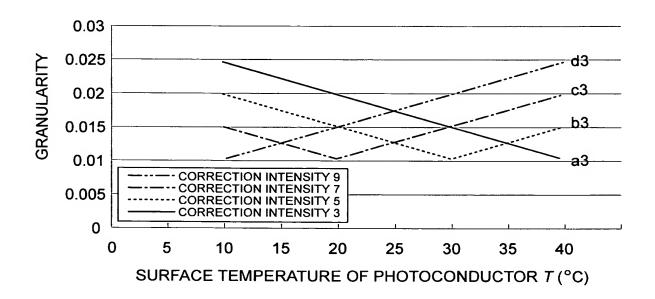


FIG. 16A

#### RELATIONSHIP BETWEEN DEVELOPING BIAS VOLTAGE AND GRANULARITY IN HIGH GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

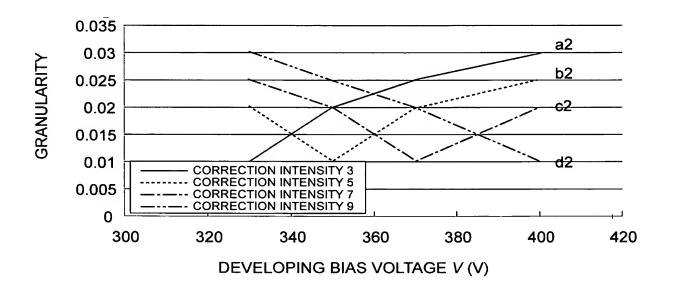
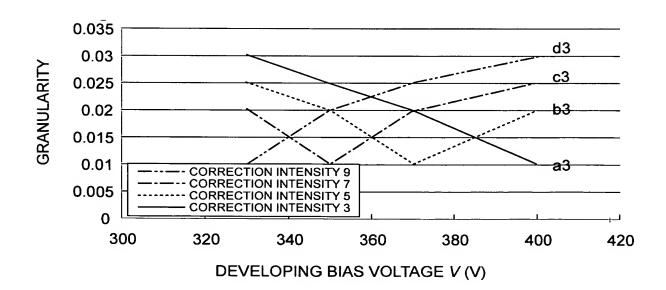
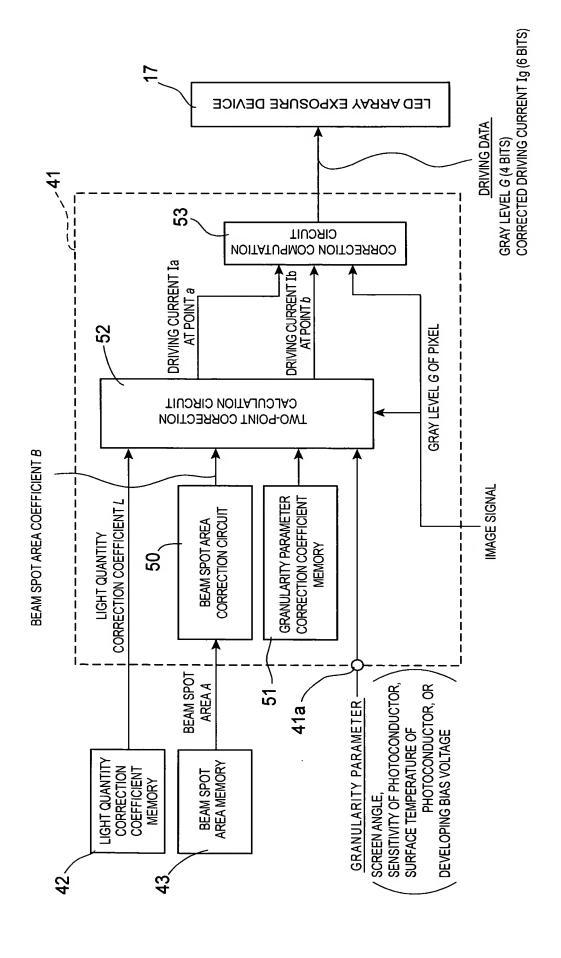


FIG. 16B

#### RELATIONSHIP BETWEEN DEVELOPING BIAS VOLTAGE AND GRANULARITY IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES





S41	PIXEL	_	_	2	က	4	5
S42	GRAY LEVEL OF PIXEL	ဗ	5	2	7	10	4
	GRANULARITY PARAMETER						
9	-SCREEN ANGLE	S	1 1 1 1 1 1 1 1 1 1		.06		
543	-SENSITIVITY OF PHOTOCONDUCTOR	œ	; ; ; ; ; ; ; ; ; ;		4 cm²/µJ		
	-SURFACE TEMPERATURE	L			30°C		
	-DEVELOPING BIAS VOLTAGE	>			320V		
S44	LIGHT QUANTITY CORRECTION COEFFICIENT	L	1.1	0.8	1.5	6:0	1
S45	BEAM SPOT AREA	A	10	8	15	2	12
S46	AVERAGE OF BEAM SPOT AREAS	Σ			10		
S47	DIFFERENCE (M-A)	D	0	2	-5	9	-2
S48	RATIO(D/M)	Р	0	0.2	-0.5	0.5	-0.2
849	BEAM SPOT AREA CORRECTION COEFFICIENT	В	ASSIGNING	ASSIGNING WEIGHT TO RATIO (P)	1TIO (P)		
S50-1	CORRECTION COEFFICIENT AT POINT a	Ca	BEAM SPOT COEFFICIEN	AREA CORREI T FOR SCREE	CTION COEFF N ANGLE (S) II	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) IN LOW GRAY LEVEL	RRECTION EVEL
2-058	CORRECTION COEFFICIENT AT POINT b	СЬ	BEAM SPOT COEFFICIEN	AREA CORRE T FOR SCREE	CTION COEFF N ANGLE (S) II	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) IN HIGH GRAY LEVEL	RRECTION EVEL
S51-1	DRIVING CURRENT AT POINT a	Ia	STANDARD ( COEFFICIEN	DRIVING CURF T (L) X CORRE	RENT X LIGHT CTION COEFF	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (Ca) AT POINT $a$	RECTION POINT a
S51-2	DRIVING CURRENT AT POINT b	qI	STANDARD I COEFFICIEN	DRIVING CURF T (L) X CORRE	RENT X LIGHT CTION COEFF	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (Cb) AT POINT $b$	RECTION POINT b
S51-3	CORRECTED DRIVING CURRENT	Ig	LIEAR INTERPOI GRAY LEVEL G	POLATION FR G OF PIXEL	OM Ia TO Ib A	LIEAR INTERPOLATION FROM Ia TO Ib ACCORDING TO GRAY LEVEL ${\cal G}$ OF PIXEL	

FIG. 19

S61	PIXEL	ے	_	2	က	4	5	9	7	8	6	Z
S62	GRAY LEVEL OF PIXEL	ပ	5	2	7	10	4	_	14	3	6	:
	GRANULARITY PARAMETER											
0	-SCREEN ANGLE	S					。 06					
200	-SENSITIVITY OF PHOTOCONDUCTOR	~					4 cm2/µJ	3				
	-SURFACE TEMPERATURE	<b>-</b>					30°C					
	-DEVELOPING BIAS VOLTAGE	>					320V	,				
S64	LIGHT QUANTITY CORRECTION COEFFICIENT	ب	1.1	0.8	1.5	0.9	-	0.5	1.2	1.3	0.5	:
S65	BEAM SPOT AREA	٨	10	8	15	2	12	14	9	6	10	:
S66-1	MOVING AVERAGE OF BEAM SPOT AREAS	Σ			10							
S66-2		MZ				10.8						
S66-3		M3			'		10.4					
S66-4		M4						9.2				
See-5		M5							10.2			
298	DIFFERENCE (M-A)	۵	0	2.8	4.6	4.2	-1.8	:				
898	RATIO(D/M)	Д.	0	0.26	-0.44	0.46	-0.18	:				
698	BEAM SPOT AREA CORRECTION COEFFICIENT	Ф	ASSIGN	IING WEI	ASSIGNING WEIGHT TO RATIO (P)	VATIO (P)						
S70-1	CORRECTION COEFFICIENT AT POINT a	Ca	BEAM S COEFFI	POT ARE/ CIENT FO	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRI COEFFICIENT FOR SCREEN ANGLE (S) IN LOW GRAY LEVE	TION CO	EFFICIEN S) IN LOV		(B) X CORRECTION SRAY LEVEL	NC		
S70-2	CORRECTION COEFFICIENT AT POINT b	СЪ	BEAM S COEFFI	POT ARE/ CIENT FO	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRE COEFFICIENT FOR SCREEN ANGLE (S) IN HIGH GRAY LEVEI	TION CO	EFFICIEN S) IN HIG	Т (B) X С( Н GRAY L	(B) X CORRECTION GRAY LEVEL	NC		
S71-1	DRIVING CURRENT AT POINT a	Ia	STAND/ COEFFI	ARD DRIVI CIENT (L)	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (Ca) AT POINT a	ENT X LIG	HT QUAN EFFICIEN	VTITY COF VT (Ca) AT	RECTION POINT a	7		
S71-2	DRIVING CURRENT AT POINT b	a	STAND/ COEFFI	ARD DRIVI CIENT (L)	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (Cb) AT POINT $b$	ENT X LIG	HT QUAN	VTITY COF VT (Cb) AT	RECTION POINT B	7		
S71-3	S71-3 CORRECTED DRIVING CURRENT	Ig	LIEAR IN GRAY LI	NTERPOL/ EVEL G C	LIEAR INTERPOLATION FROM IA TO Ib ACCORDING TO GRAY LEVEL G OF PIXEL	OM Ia TO	Ib ACCO	RDING TC				

